

## R76TN2470SE40K

Aliases (76TN2470SE40K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.047 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 22.5mm



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Dimensions	
L	26.5mm +0.3/-0.5mm
H	16mm +0.1/-0.5mm
T	7mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	700

General Information	
Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	3.33 g

Specifications	
Capacitance	0.047 uF
Capacitance Tolerance	10%
Voltage AC	650 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	3000 V/us
Resistance	13.55 mOhms (100kHz)
Ripple Current	6 Amps (100kHz 85C), 141 Amps (Peak)
Inductance	16 nH

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